

Engine Specifications

- Engine Manufacturer: John Deere
- Model Number: 6068HF485
- Rated Speed: 1800rpm
- Generator Power: 315HP
- Type of Fuel: ULSF Diesel
- Type of Lube Oil: 1 wt% sulfated ash or less
- Lube Oil Consumption: 0.1 % Fuel Consumption
- Number of Exhaust: Manifolds: 1

Engine Data Cycle

Load	Speed	Power	Exhaust Flow	Exhaust Temp.	Fuel Cons.	PM ₁₀	O ₂	H ₂ O
%		bhp	acfm (cfm)	F	btu/bhp-hr	g/bhp-hr	%	%
100	Rated	315	1,514	905	8,000	0.15	10	12.5

Emission Data (100% Load)

Emission	Raw Engine Emissions						Target Outlet Emissions						Calculated
	g/bhp-hr	tons/yr	ppmvd @ 15% O ₂	ppmvd	lb/MW-hr	g/kW-hr	g/bhp-hr	tons/yr	ppmvd @ 15% O ₂	ppmvd	lb/MW-hr	g/kW-hr	
PM10	0.15	0.01	59	109	0.44	0.201	0.02	0	9	16	0.07	0.03	85%